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STm6316

DVD Optical Disc

PROMOTIONAL INFORMATION

Features

- **DVD-video: DVD-R, DVD+R, DVD+RW and DVD-RW playback up to 2X**
- **CD-DA: CD-R and CR-RW playback; SA-CD; video-CD up to 6X**
- **Full servo digital processing**
  - ST7 microcontroller
  - Dedicated DSP
- **Analog interface connecting to the photo-detector on all popular DVD pick-ups**
- **Dual laser controller**
- **Twin laser support**
- **Motor controllers**
- **Actuator controllers**
- **Low-cost 100 pin TQFP**

Description

The STm6316 chip based on leading-edge 0.18 micron CMOS production technology integrates all the functions required in the DVD optical interface including analog pre-processing, servo control, channel decoding and error correction.

Optimized for use with STMicroelectronics OMEGA DVD audio and video decoder the STm6316 offers the world's most integrated solution for DVD players.

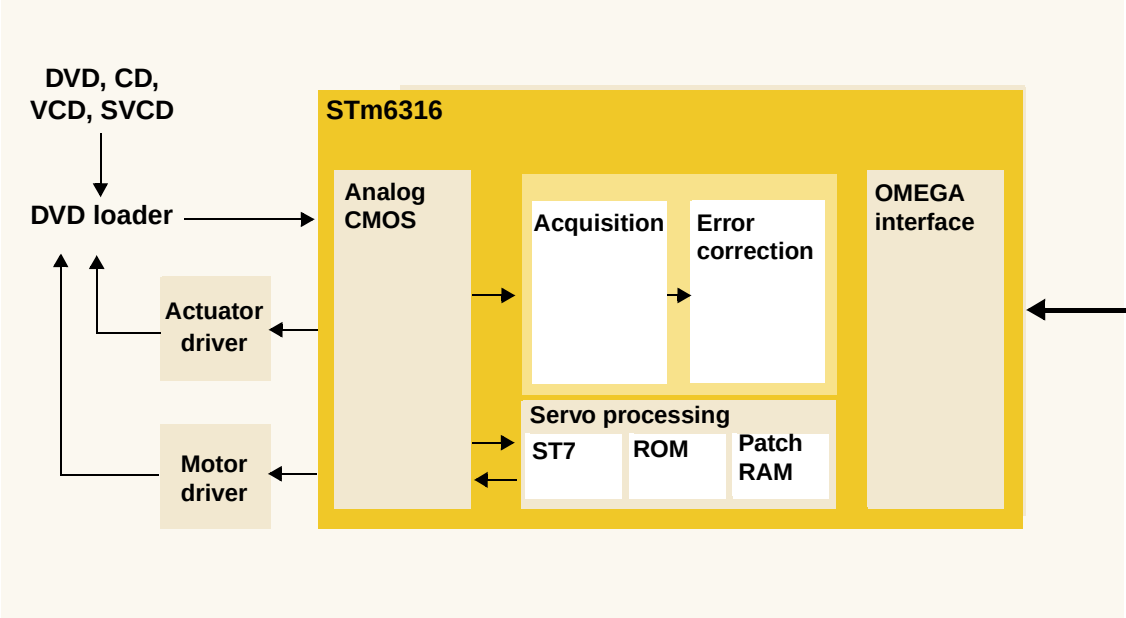
Applications

- DVD optical interface

Ordering Information

Package	100 pin TQFP
Ordering code	STm6316

STm6316 system overview



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